

CLAIMS

Sub A17
1. A consolidated material of coated powders each comprising a base particle having thereon a coating film having a uniform thickness of 0.01 to 20 μ m, wherein the coated powders are mutually adhered at the coating film or by an adhesive.

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2. The consolidated material of coated powders according to claim 1, wherein in the coated powders each comprising a base particle each having thereon a coating film having a uniform thickness of 0.01 to 20 μ m, the base particle comprises a glass, a metal, or a metal oxide, and the coating film is a metal film or a metal oxide film.

Sub A21
3. A coherent coated-powder of consolidated powders each comprising a base particle having thereon plural coating films having a (uniform thickness) of 0.01 to 5 μ m per film in which at least any adjacent coating films are different in kind, wherein the coated powders are mutually adhered at the outermost coating film or by an adhesive.

4. The consolidated material of coated powders according to claim 3, wherein in the coated powders each comprising a base particle ^A having thereon plural coating films having a uniform thickness of 0.01 to 5 μ m per film in which at least any adjacent coating films are different in kind, wherein the base particle comprises a glass, a metal, or a metal oxide, and the coating films are each a metal film or a metal oxide film.

subpl 5. The consolidated material of coated powders according to any one of claims 1 to 4, wherein the base particle comprises a magnetic material.

↳ ferrite

Sub FI 6. The consolidated material of coated powders according to claim 5, wherein at least one of the coating films comprises a dielectric material.

SubA3 7. A process for producing a consolidated material of coated powders which are mutually consolidated, comprising adhering either powders each comprising a base particle having thereon a coating film having a uniform thickness of 0.01 to 20 μ m or powders each comprising a base particle having thereon plural coating films having a uniform thickness of 0.01 to 5 μ m

per film in which at least any adjacent coating films are different in kind, at the coating film.

8. A process for producing a consolidated material of coated powders which are mutually consolidated, comprising adhering either powders each comprising a base particle having thereon a coating film having a uniform thickness of 0.01 to 20 μm or powders each comprising a base particle having thereon plural coating films having a uniform thickness of 0.01 to 5 μm per film in which at least any adjacent coating films are different in kind, by an adhesive.

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